

TOPSELLERS

FILL OFF LIQUIDS – BUT DO IT SAFELY!



Safety is the number one priority

Hazardous liquids must never be filled off by pouring them out directly. Even the use of a funnel does not provide the required degree of safety when filling off hazardous liquids.

- ▶ Increased accident risk by slipping on dirty floors.
- ▶ Skin diseases or poisoning by spilt chemicals.
- ▶ Health hazard from harmful vapors.

Safety during filling off must be the number one priority – for your own personal protection! This means that purchasing a suitable pump for filling off hazardous liquids is an investment in the safety and health of your employees which pays for itself in a very short time.

AccuOne/EnergyOne | the new approach to flexibility

AccuOne, driven by rechargeable battery, features a hybrid system with full flexibility and independence from the electrical network.

A powerful rechargeable battery with the latest lithium-ion technology, without memory effect, with auto-stop function before deep discharge.

- ▶ Replacement back-up battery available
- ▶ Delivery volume up to 600l per battery charge
- ▶ Outstanding chemical resistance
- ▶ Optionally available with rechargeable battery or power supply unit (available as accessory)



AccuOne with rechargeable battery, rigid discharge tube and charger

Immersion pipe length mm	Price/unit	Article No.
500		5900-1050
700		5900-1070
1000		5900-1100

The barrel pump driven by power supply unit, EnergyOne, features a unique new hybrid system with complete flexibility and independence from battery charging.

- ▶ Unlimited filling duration
- ▶ Outstanding chemical resistance
- ▶ Optionally available with power supply unit or rechargeable battery (available as accessory)



EnergyOne with power supply unit and rigid discharge tube

Immersion pipe length mm	Price/unit	Article No.
500		5900-2050
700		5900-2070
1000		5900-2100



- ▶ **Unique hybrid system – rechargeable battery and power supply unit are interchangeable**
- ▶ **Replacement back-up battery available**
- ▶ **Drive unit can be easily disconnected**
- ▶ **TouchPanel for precise dosing**
- ▶ **Excellent residual draining and pumping capacity**

OTAL® hand pumps | to fit most commercial storage drums

- ▶ Especially compact, space-saving pumps
- ▶ Good discharge rate
- ▶ With universal bungs for container openings of 30 – 70 mm diameter
- ▶ **Delivery tubes made of PP**, resistant against weak acids, caustic solutions and detergents
- ▶ **Delivery tubes made of PVDF**, especially for acids and caustic solutions; not for strongly oxidizing acids and caustic solutions
- ▶ **Delivery tubes made of stainless steel 304**, for solvents and liquids of VbF Hazard Class AIII (not easily flammable)

Version	Pump capacity l/min	Tube Ø mm	Length of immersion tube cm	Price/ unit	Article No.
Delivery tube made of PP	26	18	70		5005-1800
Delivery tube made of PP	20	15	70		5005-1500
Delivery tube made of PP	14	12	70		5005-1200
Delivery tube made of PVDF	20	16	70		5005-3000
Delivery tube made of stainless steel AISI 304	26	18	90		5005-4000
Delivery tube made of PP, discharge hose made of PVC	12	10	70		5005-6000
OTAL mini pump with delivery tube made of PP	4	10	45		5005-1000



OTAL® foot pumps | high performance, sturdy, for industrial use

- ▶ Very good transfer volume thanks to the large-volume foot bellows
- ▶ With universal bungs for container openings of 30 – 70 mm diameter
- ▶ **Delivery tubes made of PP**, resistant against weak acids, caustic solutions and detergents
- ▶ **Delivery tubes made of PVDF**, especially for acids and caustic solutions; not for strongly oxidizing acids and caustic solutions
- ▶ **Delivery tubes made of stainless steel 304**, for solvents and liquids of VbF Hazard Class AIII (not easily flammable)

Version	Pump capacity l/min	Tube Ø mm	Length of immersion tube cm	Price/ unit	Article No.
Delivery tube made of PP	30	22	90		5000-2200
Delivery tube made of PP	26	18	70		5000-1800
Delivery tube made of PP	20	15	70		5000-1500
Delivery tube made of PP, discharge hose made of PVC	12	10	70		5000-3012
Delivery tube made of PVDF	20	16	70		5000-4016
Delivery tube made of stainless steel AISI 304	26	18	90		5000-5018



Pump-it® container pump | robust, easy to handle

Pump-it® canister pumps are designed for emptying canisters and small barrels up to 60 l. Pump-it® is suitable for weak acids, bases and petrochemicals. Please take into account the detailed information about chemical resistance. Not suitable for hydrochloric acid!

Thread adapter set for Pump-it® container pump: You will find the adapters belonging to the set on the following page marked with an asterisk (*).

- ▶ Medium-contacting parts made of PP, PE and FPM
- ▶ For liquids with a viscosity of up to 500 mPas at 20 °C
- ▶ Pump thread fits container thread 64 mm dia. (BSI)
- ▶ Thread adapters for all standard barrel threads are available
- ▶ Exact dosage, no drips
- ▶ Container completely emptied thanks to stepless length adjustment of immersion tube

Material	Immersion depth cm	Pump capacity l/min.	Price/ unit	Article No.
PP/FPM	100	approx. 8		5201-1000
Thread adapter set for Pump-it®				5201-0030



PP barrel pump | robust industrial quality

- ▶ Two versions are available:
 - ① with rigid discharge tube
 - ② with flexible PVC discharge hose, length 1,25 m with stopcock
- ▶ Good chemical resistance (acids, alkalis)
- ▶ PTFE gaskets
- ▶ Immersion tube 32 mm dia.
- ▶ Pump capacity up to approx. 12 l/min
- ▶ For barrels and tanks from 60 – 1000 l
- ▶ Barrel screw joint as accessory



PP barrel pump with rigid discharge tube				
Immersion depth mm	Total length mm	Pump capacity ml/stroke	Price/unit	Article No.
500	595	200		5600-0501
650	740	230		5600-0651
800	895	260		5600-0801
1000	1090	300		5600-1001
1250	1340	300		5600-1251
1500	1590	300		5600-1501
PP barrel pump with discharge hose 1,25 m and stopcock				
500	595	200		5600-0502
650	740	230		5600-0652
800	895	260		5600-0802
1000	1090	300		5600-1002
1250	1340	300		5600-1252
1500	1590	300		5600-1502

PTFE barrel pump Ultrapure | for transferring ultrapure liquids

Liquid-contacting parts made of PTFE and FEP, with their chemical resistance even liquids which attack conventional materials such as PP or PVC can now be safely transferred (except for elemental fluorine). The stopcock prevents hazardous vapors from escaping and stops dripping.

- ▶ Rigid discharge tube with stopcock (PTFE)
- ▶ Flexible discharge hose (PTFE), length of 1.2 m and stopcock made of PVDF
- ▶ Screw closures for standard barrels
- ▶ Immersion depth 60 cm or 95 cm
- ▶ All valves made of solid PTFE
- ▶ Top quality – 2-year warranty



Model	Immersion depth mm	Immersion tube Ø mm	Pumping capacity ml/stroke	Price/unit	Article No.
Discharge tube 600	600	32	270		5606-0600
Discharge tube 950	950	32	400		5606-1000
Discharge hose 600	600	32	270		5606-0601
Discharge hose 950	950	32	400		5606-1001

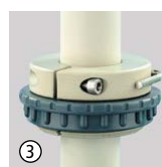
Barrel screw joints and plugs



Brass barrel screw joint. Prevents electrostatic charges in connection with the anti-static set. For containers with internal R2" steel barrel thread.



PP barrel screw joint, for secure connection to barrels with choice of three different thread models. For decanting non-flammable liquids.



Container screw joint for attaching the pump to any spot in the container wall or in wide-shoulder screw caps. The 2" screw joint is screwed tight with a 2" counter-nut from inside. Mounting hole = 60 mm.



Gas-tight barrel connector, R2" internal steel barrel thread, non-return valve with 1/8" connection. Made of nickel-plated brass with FPM seals.



PVC barrel plug. This universal adapter makes decanting even easier and safer with its more secure connection to barrels. For 40 – 70 mm diameter openings.

	Price/unit	Article No.
① Brass barrel screw joint R2" internal steel barrel thread		5601-0100
② PP barrel screw joint R2" internal steel barrel thread		5600-3130
Mauser 2" internal coarse thread		5600-3170
Tri-Sure® internal coarse thread		5600-3180
③ Barrel bolt connection for container openings 59,5 mm		5600-3140
④ Gastight barrel connector R2" internal steel barrel thread		5601-0130
⑤ PVC barrel plug for thread connectors 3/4" – 2"		5600-3150

Thread adapters | made of PP

outer	outer	inner	inner	Color	Price/unit	Article No.
Adapter outer/inner						
	Tri-Sure®	2" BSP		orange		0600-1006
	Mauser	2" BSP		blue		0600-1010
	Tri-Sure®	Mauser		red		0600-1011
	Mauser	Tri-Sure®		bordeaux		0600-1012
	US-Fass	2" BSP		silver		0600-1007
	61 mm	2" BSP		gray		0600-1008
	61 mm	3" coarse		natural		0600-1009
*	64 mm (BSI)	DIN 60		black		0600-1014
*	64 mm (BSI)	DIN 51		black		0600-1016
	64 mm (BSI)	DIN 61		yellow/blue		0600-1013
	64 mm (BSI)	DIN 71		brown/blue		0600-1001

outer	outer	inner	inner	Color	Price/unit	Article No.
Adapter inner/inner						
	double thread, 35 mm	2" BSP		black		0600-2004
	also for tin-foil canisters with pull-out spout					
	51 mm	2" BSP		green		0600-2005
	61 mm	2" BSP		yellow		0600-2001
	64 mm	2" BSP		white		0600-2006
	71 mm	2" BSP		brown		0600-1003
Adapter outer/outer						
61 mm	Tri-Sure®			yell./black		0600-3006
61 mm	2" BSP			black		0600-3007
*	2" coarse M.	64 mm (BSI)		green		0600-3004
*	2" coarse Tri-Sure®	64 mm (BSI)		brown		0600-3002
*	2" BSP	64 mm (BSI)		blue		0600-3003
Adapter set, consisting of 0600-1006, -1010, -2001 und -2002						0600-3010

Here we offer you a wide range of thread adapters. They will fix pumps or barrel pump screw joints safely to containers. Combining different adapters will let you to find the correct connection.

Mini solvent pump

The Mini solvent pump is a high-quality hand pump for small containers such as bottles, canisters and tanks up to about 10 litres. For reliable filling and dosing of solvents and readily flammable liquids.

- ▶ Ideal for 1-5 l containers
- ▶ Connecting thread GL 45
- ▶ Adapter available as accessory for S 40, GL 38 and GL 32
- ▶ Parts in contact with medium made of PTFE and stainless steel (1.4301, 1.4404)
- ▶ PTFE hose (6x8 mm) 0.4 m
- ▶ Including grounding cable 2 m

Material	Pump capacity approx. l/min	Connector thread	Price/unit	Article No.
Stainless steel/PTFE	1,8	GL 45		5603-4000



Solvent pump hand operated

For contamination-free withdrawal of organic solvents and flavouring agents. Fits all containers up to a capacity of 60 l. The pump is gastight and can be shut completely with two ball valves.

- ▶ Medium contacting parts: stainless steel/FPM
- ▶ When withdrawing flammable liquids, use anti-static set!



Also for tin-foil canisters with pull-out spout!



Version	Pump capacity max. l/min	Screw joint	Immersion depth cm	Price/unit	Article No.
hand operated pump	10	2" fine	max. 60		5603-1000
for tin-foil canisters	10	Pull-out spout	max. 60		5603-2000
Anti-static set, prevents electrostatic build-up					5602-1000

Solvent pump foot operated

For filling off high-purity liquids. All parts coming into contact with the media are made of stainless steel and FPM. The barrel screw joint and stopcock provide a hermetic seal between the container and the pump.

- ▶ Rigid discharge tube with stainless steel/PTFE stopcock

- ▶ Stepless adjustment of immersion tube length
- ▶ For barrels up to 220 liters
- ▶ Barrel screw joints for commercially available barrels as accessories
- ▶ Clip connection for fast plugging and unplugging of the air hose

Version	Pump capacity max. l/min	Screw joint	Immersion depth cm	Price/unit	Article No.
with rigid discharge tube	30	2" fine	max. 95		5603-1100
with discharge hose	30	2" fine	max. 95		5603-3000
Anti-static set, prevents electrostatic build-up					5602-1000



Stainless steel barrel pump | the pump for flammable liquids

The pump conducts electricity and consequently fulfills the requirements for handling flammable liquids in combination with the accessory anti-static set. PTFE gaskets. Not suitable for acetone.

- ▶ With discharge hose with stainless steel stopcock or with removable discharge tube
- ▶ Pump capacity from appr. 9 to 22 l/min., depending on pump length

Version	Immersion depth mm	Total length mm	Capacity ml/Stroke	Price/unit	Article No.
with discharge tube	360	475	220		5601-0400
with discharge tube	570	685	350		5601-0500
with discharge tube	910	1030	560		5601-0800
with discharge hose with stopcock	360	475	220		5601-0401
with discharge hose with stopcock	570	685	350		5601-0501
with discharge hose with stopcock	910	1030	560		5601-0801
Anti-static set, prevents electrostatic build-up					5602-1000

